

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of Meier, W. et al.

Filing Date: July 13, 2000

Examiner: G. Kishore

Serial No.: 09/615,305

Art Unit: 1615

Title: Amphiphilic Copolymer Vesicles

Box AF

Assistant Commissioner for Patents

Washington DC 20231

## RESPONSE TO FINAL OFFICE ACTION

Sir:

The following comments and amendments are submitted in response to the Office Action mailed on September 24, 2002.

## AMENDMENTS

Please amend the claims as follows:

1. (Twice Amended) Hollow vesicles [Vesicles] comprising membranes formed from amphiphilic copolymers having hydrophobic and hydrophilic segments, wherein the copolymers are ABA copolymers, and wherein one of A and B is hydrophobic and the other is hydrophilic.

3. (Once Amended) Hollow nanocapsules [Nanocapsules] formed by stabilization of the vesicles of claim 1.

4. (Twice Amended) Hollow nanocapsules [Nanocapsules] formed by stabilization of vesicles comprising membranes formed from amphiphilic copolymers having hydrophobic and hydrophilic segments, wherein the vesicles are stabilized by end group polymerization of the copolymers.

17. (Once Amended) The vesicles of claim 1, wherein one or more molecules are [a molecule is] incorporated into the vesicle membrane.